

09893108.063704

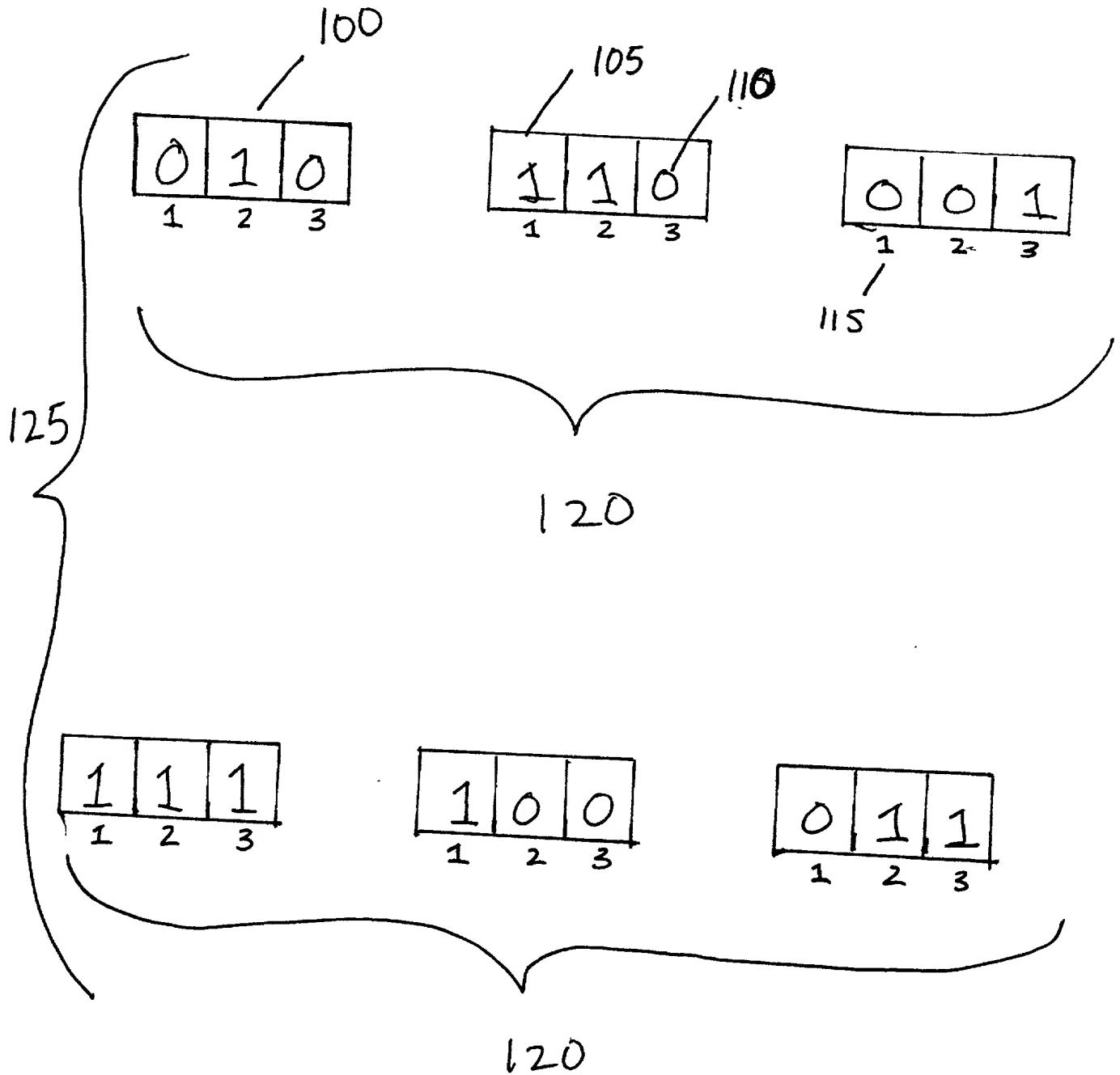
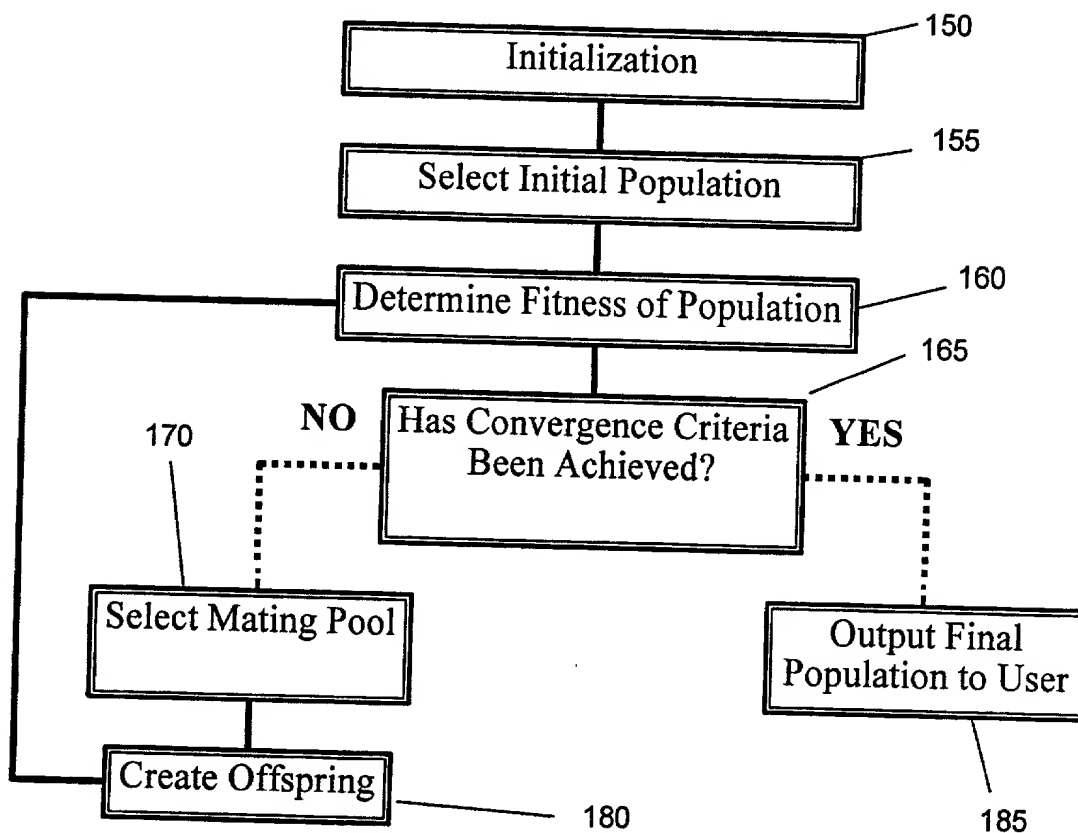


Figure 1

**Figure 2**



0903103-063701

120 — 1 0 0 1 1 1 1 0 0 0 0 0 0 0 1 1 0 1 0 1 1 0 0 0

120 — 0 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 1 1 0 1 0 1 0

130

100

120' — 1 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 0 1 0 1 1 0 0 0

120' — 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0 1 1 0 1 0 1 0

100'

**Figure 3a**

120 — 1 1 0 0 1 1 0 0 1 0 0 0 1 0 1 0 0 0 1 1 1 0 1 0

120 — 0 0 1 1 1 0 0 1 0 1 1 0 0 1 0 0 1 1 1 1 0 0 1 0

130

132

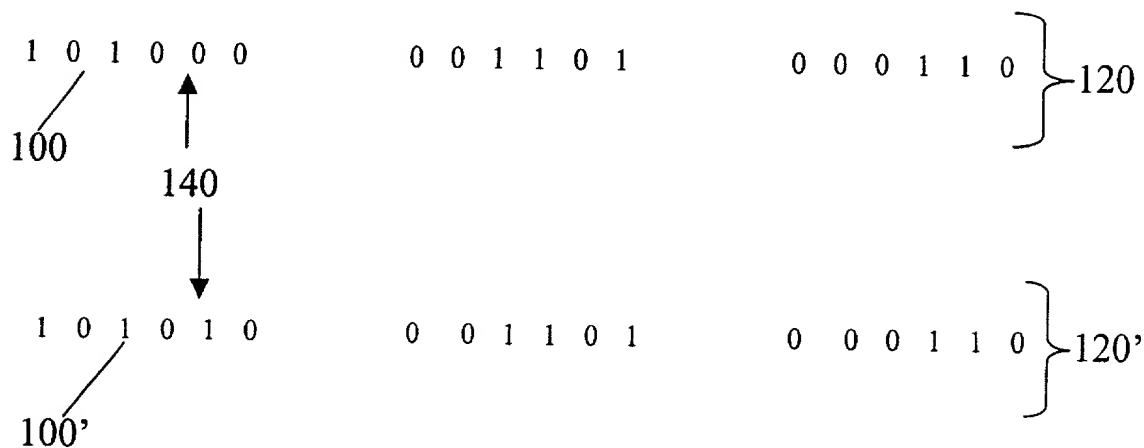
100

120' — 1 1 0 0 1 1 0 0 1 0 0 0 1 0 0 0 1 0 1 1 1 0 1 0

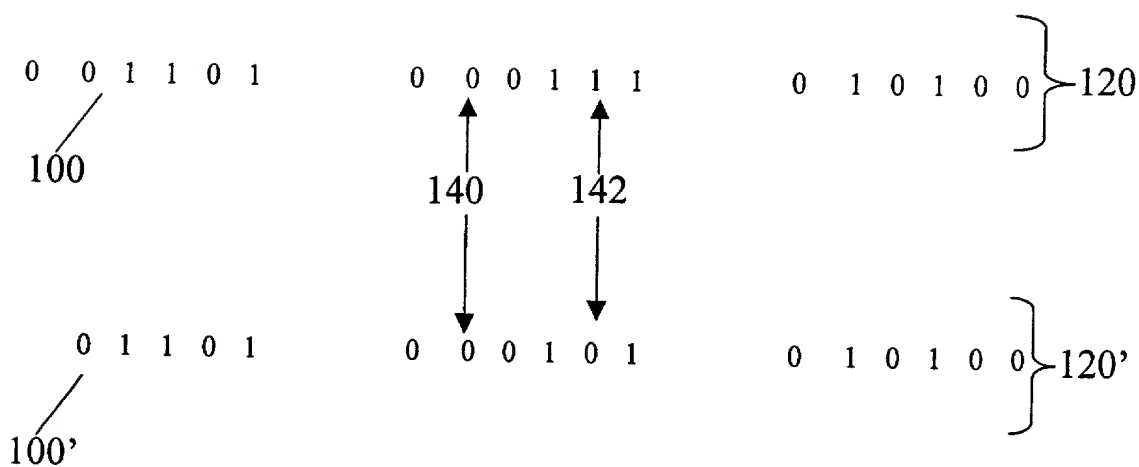
120' — 0 0 1 1 1 0 0 1 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 0

100'

**Figure 3b**



**Figure 4a**



**Figure 4b**

Figure 5

## C2 Crossover (1-Point)

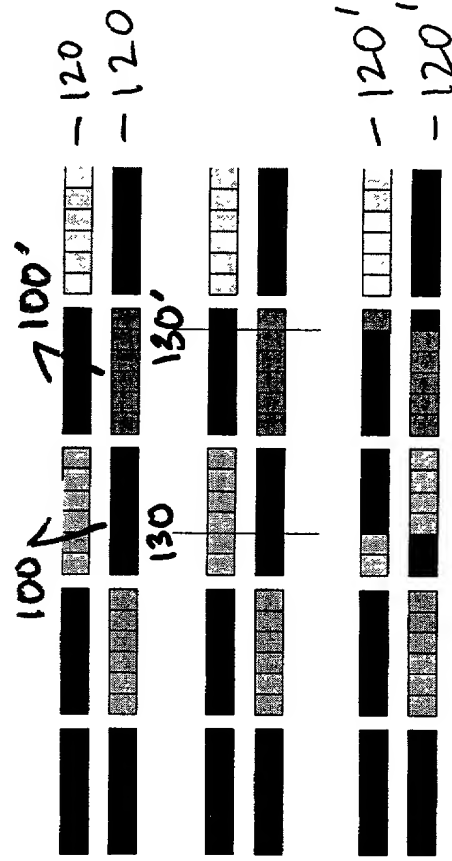
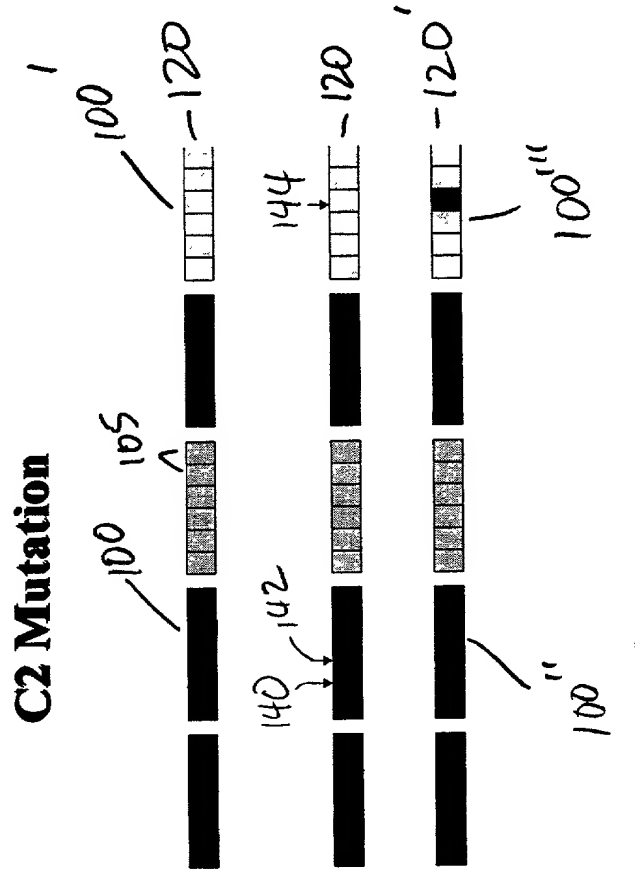


Figure 6



09894103-06701

120

100

110

105

1	0	1	0	0
0	1	1	1	0
1	0	0	1	0
0	0	0	0	1
1	1	1	1	0
0	0	1	1	1
1	1	1	1	1
1	0	1	0	0
0	1	1	1	1
0	0	0	1	1
1	1	0	1	0
1	1	1	0	0
0	0	0	1	1
1	0	1	0	0
0	0	1	0	0

115

1

2

3

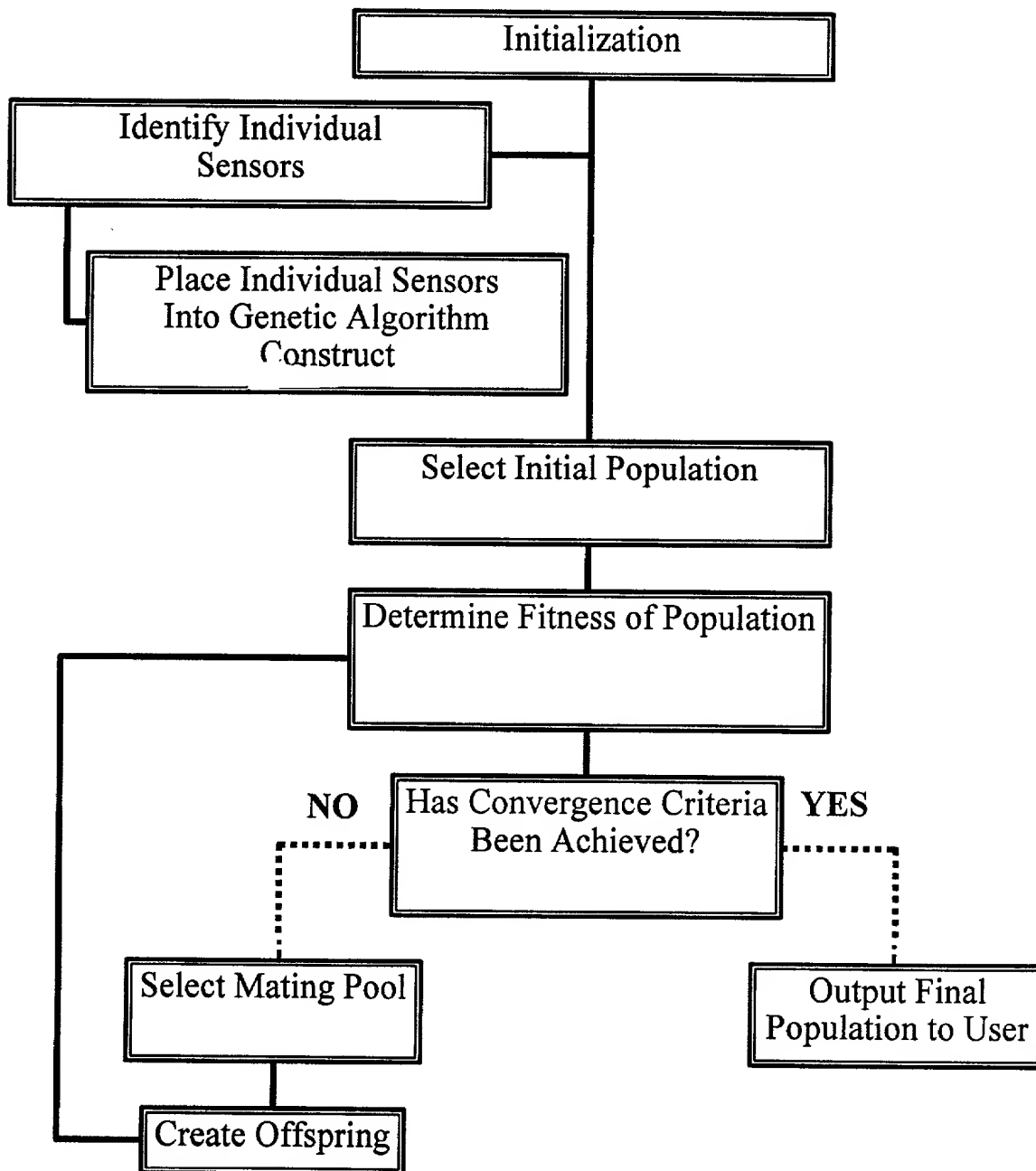
4

5

1	0	1	0	0
0	1	1	1	0
1	0	0	1	0
0	0	0	0	1
1	1	1	1	0
0	0	1	1	1
1	1	1	1	1
1	0	1	0	0
0	1	1	1	1
0	0	0	1	1
1	1	0	1	0
1	1	1	0	0
0	0	0	1	1
1	0	1	0	0
0	0	1	0	0

125

**Figure 7**



**Figure 8**



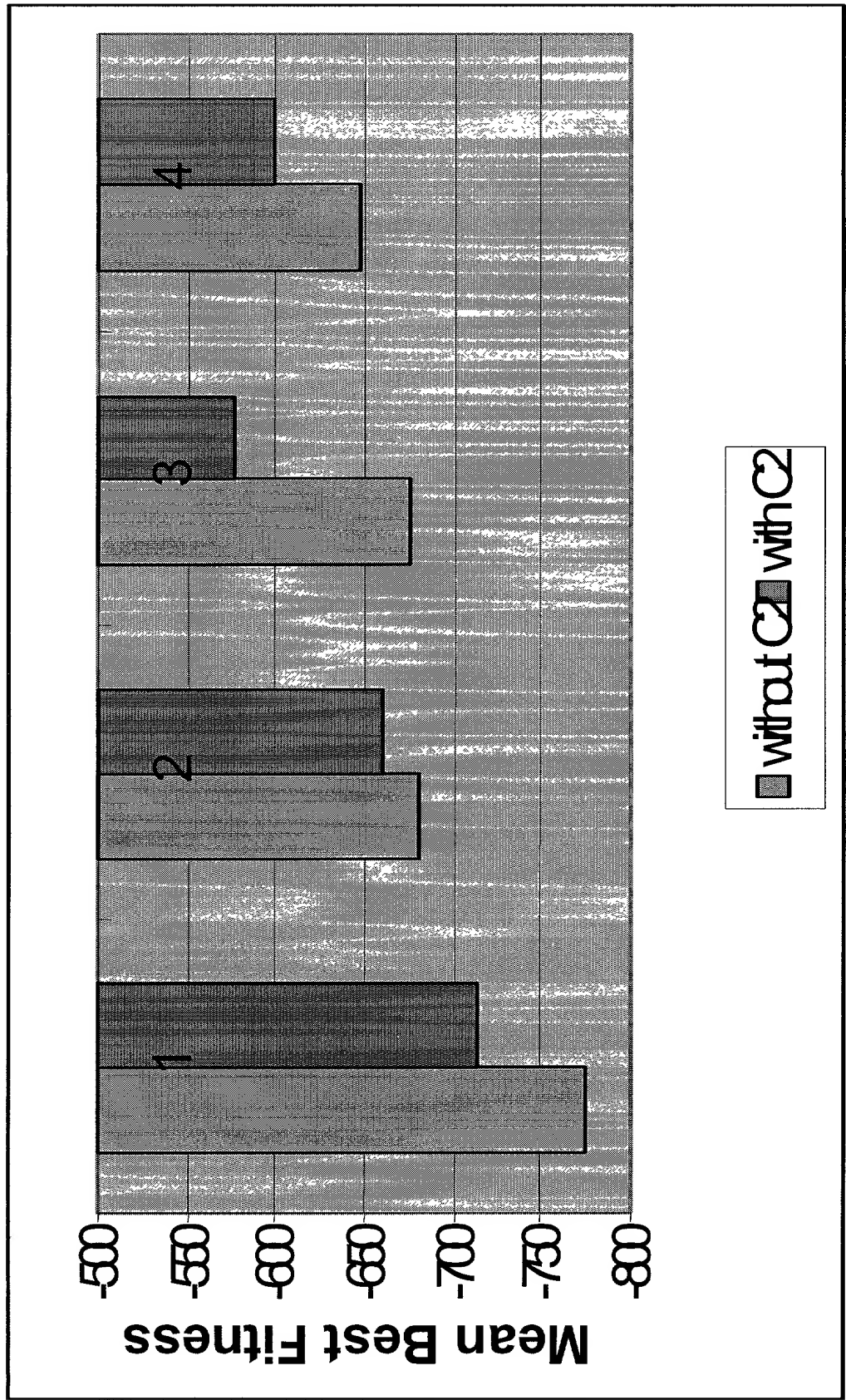


Figure 9

FIG. 10  
Figure 10

